

TYPICAL FIBER ROLL INSTALLATION

COUNTY OF PLACER DEPARTMENT OF PUBLIC WORKS

FIBER ROLL INSTALLATION ON SLOPES

DATE: JULY, 2005 NTS PLATE C-6

NOTES:

- 1. FIBER ROLLS SHOULD CONSIST OF STRAW, FLAX, WOOD EXCELSIOR OR COCONUT FIBERS BOUND IN A TIGHT TUBULAR ROLL.
- 2. LOCATE FIBER ROLLS ON LEVEL CONTOURS SPACED AS FOLLOWS:
 - SLOPE INCLINATION OF 4:1 (H: V)
 OR FLATTER: FIBER ROLLS
 SHOULD BE PLACED AT A
 MAXIMUM INTERVAL OF 20 FT.
 - SLOPE INCLINATION BETWEEN 4:1
 AND 2:1 (H: V): FIBER ROLLS
 SHOULD BE PLACED AT A
 MAXIMUM INTERVAL OF 15 FT.
 - SLOPE INCLINATION OF 2:1 (H:V)
 OR GREATER: FIBER ROLLS
 SHOULD BE PLACED AT A
 MAXIMUM INTERVAL OF 10 FT.
- 3. TURN THE ENDS OF THE FIBER ROLL UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE ROLL.
- 4. IF MORE THAN ONE FIBER ROLL IS PLACED IN A ROW, THE ROLLS SHOULD BE OVERLAPPED, NOT ABUTTED.
- 5. FIBER ROLLS MAY BE USED FOR DRAINAGE INLET PROTECTION IF PROPERLY ANCHORED.
- 6. SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE—HALF THE SEDIMENT STORAGE DEPTH.